ONTARIO

R.O.P. Sheep

ANNUAL REPORT '82

Ministry of Agriculture and Food
ONTARIO

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R.O.P. SHEEP TESTING IN ONTARIO

1982 ANNUAL REPORT

Prepared by: R.H. Denniss, Supervisor - Sheep Performance Testing
Animal Industry
Ontario Ministry of Agriculture and Food
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- with assistance from Agriculture Canada, Ottawa

The Ontario Sheep Performance Testing Program consists of an on-the-farm flock performance test and also a station test of ram lambs.

The Ontario R.O.P. Sheep Advisory Committee, which is responsible for making recommendations regarding both the flock testing and station testing parts of the program, consisted of the following members in 1982:

Chairman - Henry Stanley, R.R.2, Rockwood

Vice Chairman - George Woods, R.R.3, Fergus

Secretary/Treasurer - Ron Denniss, Animal Industry Branch
Ministry of Agriculture and Food, Toronto

Wm. Duffield, R.R.2, Wyoming

George McLaughlin, R.R.3, Beaverton

Wm. Mactaggart, 11 Central St., Guelph, N1H 4K4.

H.E. McGill, Ontario Ministry of Agriculture and Food, Toronto (former)
R.G. Urquhart, Ontario Ministry of Agriculture and Food, Guelph (present)
Ross Carroll, Agriculture Canada, Guelph

Wm. Gardhouse, Ontario Ministry of Agriculture and Food
Newmarket Plaza, Newmarket

- Genetics Advisor - Dr. John Walton, Dept. of Animal and Poultry Science
University of Guelph, Guelph

- Veterinary Advisor - Dr. P.G. Oliver, Animal Industry Branch
Ontario Ministry of Agriculture and Food
University of Guelph, Guelph

- Nutrition Advisor - Dr. T.D. Burgess
Dept. of Animal & Poultry Science
University of Guelph

General Summary

Sheep performance testing in Ontario continued to increase in 1982 with 286 breeders home testing a total of 11,938 lambs which were within the proper age range. This is an increase of 6.3% in breeders home testing and 9.5% in number of lambs tested over 1981.

Both purebred and commercial sheep breeders are enrolled on the program. Of the 286 breeders who home tested their flocks in 1982, 182 were purebred breeders, 21 were strictly commercial breeders while 83 tested both purebred and commercial sheep.

Station testing of ram lambs at the three Ontario test stations also increased with 535 rams completing test, an increase of 10.5% over the number station tested in the 1981 testing year.

The following summary includes all lambs weighed during the period Nov. 1, 1981 to Oct. 31, 1982 which for the purposes of this report is the 1982 testing year. The corresponding information for the 1978, 1979, 1980 and 1981 testing years is also summarized.

Table 1 Sheep Performance Testing Summary 1978-1982

	1978	1979	1980	1981	1982
Breeders Completing Test					
Home Test	135	176	247	269	286
Station Test	47	53	58	75	85
Home Test					
Number of Ewes	4447	7436	9388	10523	11938
Number of Lambs Weighed					
50 Day Weighing	6531	10286	12977	*14846	*16251
100 Day Weighing	3437	6263	8997	9393	11406
% of Lambs with 100-day Weights	52.6	60.9	69.3	63.3	70.2
Station Test					
Number Completing Test					
Kemptville Station					
Rams	90	118	114	105	129
New Hamburg Station					
Rams	163	197	229	270	300
Ewes	10	27	17	---	---
Arkell Station - Rams	---	---	---	109	106
Total Rams Tested	253	315	343	484	535
Total Ewes Tested	10	27	17		
Total Lambs Tested	263	342	360	484	535

*Includes only lambs weighed in the proper age range.

Home Flock Performance Testing

Under the home flock performance testing program, lambs are weighed when between 40 to 60 days of age; and if the lambs are not sold, are again weighed when between 90 and 110 days of age. In flocks enrolled on the supervised program, weighing of lambs is conducted by an employee of the Ontario Ministry of Agriculture and Food working out of the County Agricultural Office. Weights are adjusted to 50 days and 100 days of age respectively and are also adjusted for sex, type of rearing and age of dam. The average daily gain between the two weighings is a measure of the genetic gaining ability of the lamb and is adjusted to a ram equivalent. The ewe index is based upon the 50-day weight of lambs raised and expresses the productivity of each ewe as a percentage of the average productivity of ewes in the group.

The Flock Performance Testing Program should be considered as a within flock testing program to provide the breeder with valid production information regarding each ewe in the flock. Performance information on lambs weighed, if used to compare lambs fed and handled in a uniform manner, will indicate those which are superior for genetic gaining ability.

As the performance of individual lambs and productivity of ewes can be greatly influenced by differences in feeding, management and other environmental factors, comparisons should only be made between lambs which have been raised on the same farm under uniform feeding and management.

In 1982, ewe summaries and sire summaries were issued by Agriculture Canada, Ottawa.

The updated ewe summary indicates which ewes in the flock have been superior on the basis of productivity and the performance of their lambs, while the sire summary indicates which rams are superior based upon the average performance of the lambs they sired.

Table 2 is a summary of lambs weighed during the 1982 testing year. As some of the breeds are represented by only a few animals in a small number of flocks, this summary should <u>not</u> be considered a valid breed comparison. Although the summary indicates the general level of lamb performance in the flocks on the program, comparisons should <u>only</u> be made within the individual flocks.

Table 2 - Summary 1982 Home Performance Testing

(Information in this summary supplied by Agriculture Canada)

Breed	*No. of Flocks	No of Ewes	No of Lambs Born	**No of Lambs Weaned	***No of Lambs Weighed 50-day Weights Rams	Ewes	Wethers	Ave Adj. 50-day Weights (All Lambs) Kg.	***No. of Lambs Weighed 100-day Weights Rams	Ewes	Wethers	Ave. Adj. 100-day Wts. (All Lambs) Kg.	Average Daily Gain (50-100 Days) Adjusted to Ram Equivalent Kg.
Suffolk	154	3791	6438	5516	2530	2831	57	24.5	1341	2425	49	41.6	.34
Hampshire	19	287	467	400	190	186	1	21.1	114	160	1	37.0	.31
Oxford	12	166	256	225	113	111	2	21.5	87	97	1	35.4	.27
Lincoln	6	77	130	111	49	56	0	22.0	45	55	0	34.0	.24
Columbia	8	122	192	157	74	80	0	18.8	59	57	0	32.4	.27
Rambouillet	1	13	24	20	10	10	0	-	1	3	0	-	-
Shropshire	6	25	35	35	14	21	0	19.5	12	15	0	32.1	.23
Dorset	72	2334	3739	3287	1607	1620	14	20.4	806	1359	10	33.0	.25
Corriedale	10	114	170	149	48	71	26	18.5	41	69	24	30.3	.24
Leicester	19	206	350	308	135	169	0	20.1	115	156	0	32.2	.23
N.C. Cheviot	11	93	153	130	60	70	0	20.7	50	66	0	33.8	.26
Southdown	15	189	296	263	123	134	1	16.9	92	110	1	26.6	.19
Border Cheviot	7	98	136	132	72	55	1	17.7	65	54	0	27.9	.21
Finnish Landrace	3	51	124	94	42	50	5	15.8	34	47	5	25.9	.20
Other Breeds	1	11	17	16	11	5	0	-	5	3	0	-	-
Crossbred	78	4361	7479	6131	2062	2825	670	20.5	1011	2186	575	32.6	.26
Total: All Breeds	422	11938	20006	16974	7140	8334	777	21.7	3878	6862	666	35.6	.28

Note: *If a breeder has more than one breed, they are considered as separate flocks in this summary
**Includes only lambs raised by ewes and not bottle-fed lambs
***Includes only lambs weighed within the proper age range

Station Performance Testing

All breeders enrolled on the R.O.P. who home test their flocks are eligible to station test ram lambs.

The Kemptville and Arkell Test Stations are operated by the Ontario Ministry of Agriculture and Food, while the New Hamburg Test Station is operated by Agriculture Canada.

Fall-born and spring-born ram lambs were tested only at the New Hamburg and Kemptville Test Stations, while winter-born rams were tested at all three stations.

Of the total number of 541 ram lambs which were entered on test, 535 completed performance test, while 3 were withdrawn from test and 3 died while on test.

Lambs are delivered to the test stations when they are between 40 and 60 days of age. Following a 10-day adjustment period, all lambs are placed on test for a 50-day period. At the end of the test period, average daily gain on test is calculated for each lamb and feed conversion information is calculated for each sire progeny pen of 4 or 5 lambs. Each lamb is ultrasonically backfat probed to determine backfat thickness.

If there are a minimum of 10 rams of the same breed by at least 5 sires of the same age group tested at the home test station, an A.D.G. index is calculated which expresses the average daily gain of each ram as a percentage of the average of the breed.

Lamb Performance

Although the majority of the lambs station tested in 1982 were Suffolks or Dorsets, there were growthy individuals in all breeds in which any significant number of rams were station tested.

The main purpose of station testing is to sort out and identify those individual lambs within a breed which are genetically superior for gaining ability and feed efficiency when compared at the same test station under uniform feeding and management. Only at a central test station can lambs from different flocks be accurately compared for these important economic traits.

Station testing is <u>not</u> a competition between breeds. Comparisons should be made only between lambs of the same breed and of the same age group tested at the same test station.

Table 3 indicates the average performance of the breeds tested in 1982 and the wide range in avarage daily gain between lambs in all breeds where significant numbers were tested. Only the Suffolk and Dorset breeds had sufficient numbers of rams station tested and/or flocks represented to provide a meaningful breed average.

Table 3 Average Daily Gain By Breed

Station Tested Rams

	No.	A.D.G. (Kg.) (Average)	Range in A.D.G. (Kg.)
New Hamburg Station			
Fall Born Rams			
Suffolk	44	.49	.60 - .36
Dorset	100	.38	.48 - .26
Winter Born Rams			
Suffolk	74	.49	.61 - .29
Dorset	30	.40	.48 - .33
Rambouillet	7	.44	.51 - .36
X-Bred	1	.37	- -
Spring Born Rams			
Suffolk	27	.53	.62 - .43
Dorset	9	.37	.42 - .29
Columbia	4	.43	.45 - .41
Finnish Landrace	4	.35	.37 - .34
Total:	300		
Arkell Station			
Winter Born Rams			
Suffolk	99	.53	.74 - .36
Dorset	4	.42	.45 - .36
Hampshire	3	.54	.59 - .47
Total:	106		
Kemptville Station			
Fall Born Rams			
Suffolk	5	.60	.72 - .53
Dorset	18	.35	.41 - .26
Hampshire	14	.44	.51 - .37
Winter Born Rams			
Suffolk	60	.53	.65 - .36
Dorset	11	.41	.46 - .34
Hampshire	9	.52	.63 - .44
Spring Born Rams			
Suffolk	8	.47	.54 - .41
Hampshire	1	.54	- -
Columbia	3	.43	.46 - .41
Total:	129		
Total All Stations:	535		

Table 4 indicates the feed conversion of sire progeny pens of ram lambs which were tested and the backfat thickness of ram lambs which were ultrasonically backfat probed.

For breeds other than Suffolk and Dorset, there was not a sufficient number of rams and/or flocks represented to provide meaningful breed averages.

Table 4 - Backfat Thickness and Feed Conversion of Ram Lambs

	Backfat Thickness			Feed Conversion Sire Progeny Pen Averages		
	Number Lambs	Backfat Thickness (mm)	Range (mm)	Number Pens	Feed Conv.	Range
New Hamburg Station						
Fall Born Rams						
Suffolk	44	6.9	5 - 9	4	4.56	4.24 - 4.76
Dorset	100	5.6	4 - 9	17	4.15	3.20 - 4.60
Winter Born Rams						
Suffolk	74	7.2	5 - 10	10	3.94	3.47 - 4.72
Dorset	30	6.3	4 - 8	3	3.65	3.51 - 3.90
Rambouillet	7	6.3	5 - 8	1	4.13	
X-Bred	1	9				
Spring Born Rams						
Suffolk	27	7.1	6 - 9	4	3.53	3.39 - 3.68
Dorset	9	7.0	5 - 8	1	3.79	
Columbia	4	5.8	5 - 6	1	3.40	
Finnish Landrace	4	5.8	5 - 6	1	4.98	
Arkell Station						
Winter Born Rams						
Suffolk	99	5.8	3 - 10	15	3.93	3.25 - 4.57
Dorset	4	5.5	5 - 6	1	3.43	
Hampshire	3	6.0	4 - 8			
Kemptville Station						
Fall Born Rams						
Suffolk	5	8.6	8 - 10			
Dorset	18	7.4	5 - 9	2	3.34	3.01 - 3.66
Hampshire	14	6.9	5 - 9	3	3.45	3.26 - 3.76
Winter Born Rams						
Suffolk	60	7.6	4 - 11	4	3.29	3.16 - 3.43
Dorset	11	7.0	5 - 10	1	3.79	
Hampshire	9	7.3	5 - 9			
Spring Born Rams						
Suffolk	8	7.7	7 - 9			
Hampshire	1	8.0				
Columbia	3	4.7	4 - 5			
Total All Breeds	535			68		

Station Tested Ram and Home Tested Ewe Sale

The 1982 Station tested ram and home tested Ewe Sale which was sponsored and managed by the Ontario Sheep Association was held in conjunction with Sheep Focus '82.

All lambs were selected for the sale on the basis of performance and physical soundness.

In order to be eligible for the sale, all station tested rams were required to be above the breed and age group average for average daily gain at the station where they were tested. All home tested ewe lambs in order to be eligible for the sale were required to have multiple indexes of 101 or higher.

All entries were inspected by a Committee for physical and structural soundness and conformation. All rams approved by the Committee were shown on the halter and placed into 3 groups according to conformation and quality.

A total of 66 station tested rams sold at an average price of $384.24 and 43 ewe lambs averaged $223.37.

Although prices were slightly lower than the 1981 sale, the 1982 sale was quite successful when compared with other sales held during the year. The top selling ram, at $1,500.00 was a Suffolk from the flock of Murray Emke, Elmwood, which had previously set a new Canadian Average Daily gain record for a station tested ram. The top selling Dorset ram at $650.00 was from the flock of King Creek Farm, King, while the high Hampshire ram which sold at $500.00 was from Dwayne Acres, Osgoode.

The home tested ewe lambs were led by a Suffolk from the flock of Wm. Gardhouse, Newmarket, which sold at $600.00.

The following is a summary of the 1980, 1981 and 1982 sales:

Table 5 Ontario R.O.P. Sheep Sale Summary

	1980		1981		1982	
	No. Sold	Average Price $	No. Sold	Average Price $	No. Sold	Average Price $
Station Tested						
Yearling Rams	2	525.00	1	250.00	5	370.00
Suffolk Ram Lambs	47	588.30	68	396.32	42	395.00
Dorset Ram Lambs	14	507.14	19	431.58	14	393.21
Hampshire Ram Lambs	-	-	1	550.00	4	408.75
Columbia Ram Lambs	-	-	-	-	-	-
Rambouillet Ram Lambs	-	-	-	-	1	200.00
Total Rams:	63	568.25	89	403.93	66	384.24
Home Tested						
Suffolk Yearling	-	-	1	575.00	-	-
Suffolk Ewe Lambs	16	384.38	27	400.00	31	225.32
Dorset Ewe Lambs	5	235.00	6	287.50	10	217.00
Hampshire Ewe Lambs	-	-	-	-	2	225.00
Total Ewes:	21	384.81	34	385.29	43	223.37

BREEDERS WHO PERFORMANCE TESTED LAMBS IN 1982

In the following summary, HT = Home Test and ST = Station Test.

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Donald Acres, RR3, Kinburn	613-623-5260	N.C. Chev., Suff., Dorset	85	-
Dwayne Acres, RR4, Osgoode	613-826-2581	Hamp., Suff., Leic.	109	9
Don Ainsworth, Box 246, Woodville	416-491-5851	Suff., Dorset	-	8
Neil Allin, RR1, Orono	416-983-5791	Suffolk	17	-
Jack Anderson & Son, RR1, Orillia	705-326-6883	Corriedale	67	-
Richard Andrews, RR6, St. Thomas & Hardy Shore (S&S Suffolks)	519-631-6454	Suffolk	24	-
Arkell Valley Farm, RR2, Guelph	519-836-8657	Suffolk	4	-
Elmer Armstrong, RR2, St. Paul's	519-393-6509	Lincoln, Shropshire X-Bred	29	-
Sheila Armstrong, RR2, St. Paul's	519-393-6509	Southdown, Leic., Suff., X-Bred	57	-
Reg Ashton, RR3, Hanover	519-364-3614	Suffolk	21	4
Boyd, Ayre, RR1, Hampton	416-723-5340	Suffolk	97	-
John Ayre, RR4, Bowmanville	416-983-9491	Dorset	32	-
Lloyd Ayre, RR4, Bowmanville	416-983-9491	Hampshire	44	-
Bill & Joyce Baas, Box 241, Russell	613-445-5465	X-Bred	104	-
Margaret Barr, Oxford Mills	613-258-3411	Suffolk	24	-
Peter Baxter, RR3, Tillsonburg	519-842-3225	Corr., Dors., X-Bred	89	-
Richard Bayly, RR5, Chatsworth	519-794-2704	Suffolk	39	4
Lance Beath, RR1, Brooklin	416-655-4866	Suffolk	25	4
Robert Beaton, RR3, Norwich	519-424-2165	Suffolk	17	-
Brian Beirnes, RR1, Hepworth	519-935-2702	Dors., X-Bred	34	-
Fred Bell, RR2, Canfield	416-774-3315	Southdown, Suff., X-Bred	20	-
Gregory Bell, RR2, North Gower	613-489-3681	Hampshire	8	-
Robert Bell, RR2, North Gower	613-489-3681	N.C. Cheviot	22	-
Robert & Jean Bellingham R.R.2, Kemptville	613-258-2602	Suff., X-Breds	157	1

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Kathleen Benedickson RR3, Lakefield	705-652-7803	Dorset	23	-
W.D. Black 55 Foothills Dr., Nepean	613-828-6144	Suffolk	36	5
Ken Bogden, Box 362, Russell	613-445-2801	Suff., Hamp., X-Bred	141	7
J. & C. Bourdeau, RR1, Williamstown	613-931-2241	Dorset., X-Bred	9	1
Don Bowering, RR3, Melbourne	519-289-5308	Dors., Suffolk	12	-
Karl Bowen, RR1, Aylmer	519-773-3555	Dorset	2	-
John Brabec, RR1, Maxville	613-527-2950	Suffolk, Dorset	114	-
Eugene Bourgeois, RR2, Tiverton	519-368-5354	X-Bred	23	-
Brien & Taylor, RR2, Ridgetown	519-674-3846	Suffolk, Dorset	143	5
Gordon Bowman, RR1, Alton	519-941-4129	Dorset	22	-
Inga Britt 2167 Burnhamthorpe Rd. RR4, Mississauga	416-820-8787	Dorset, Suffolk	72	-
Hal Brown, RR1, New Liskeard	705-674-7124	Suffolk, X-Bred	182	-
Robt. Brown, RR2, Yarker	613-377-6788	Columbia	69	-
Frank Bulk, RR2, Dunnville	416-774-7819	Suff., N.C. Cheviot	38	-
Mary Burgess, RR2, Puslinch	519-824-2824	Suff., N.C. Cheviot	38	-
Jan & Peter Burtch (Dunscaith Farms) RR4, Omemee	705-799-6720	Suffolk	13	1
Fred Bygrove, RR4, Petrolia	519-882-0197	Suffolk	7	-
Callaghan Bros. RR3, Oil Springs	519-864-1680	Lincoln	5	-
James Callaghan RR3, Oil Springs	519-864-1680	Dorset	22	-
Linda Callaghan RR3, Oil Springs	519-864-1680	Suffolk	72	-
Timothy Callaghan RR3, Oil Springs	519-864-1680	Southdown	2	-
Brian H. Cameron, RR3, Arthur	519-848-5422	X-Breds	32	-
Alex Campbell, RR3, Metcalfe	613-821-2491	N.C. Chev., Shropshire	18	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
John Campbell, RR3, Metcalfe	613-821-2820	Suff., Leic., N.C. Chev.	73	-
Clare Carberry, RR4, Brampton	416-846-2705	Dorset	2	-
Wm. Celhoffer RR2, Holland Centre	519-794-2860	Dors., X-Bred	84	2
Ron Clarke , RR2, Matheson	705-273-2772	X-Bred	167	-
Ernest Childs, RR2, Carp	613- 256-2666	N.C. Chev., Suff.	16	1
Michael Comba (Emerald Farm) RR2, Campbellville	416-637-4639	Suffolk	17	3
Gerald Comfort, RR1, St. Ann's	416-562-4911	Dors., Suffolk	149	-
Joyce Cook, RR3, North Augusta	613-269-3211	Suffolk, X-Bred	92	-
H. Cooper & Son RR2, Smithville	416-957-3245	Dorset, Southdown	41	-
Aurel Copeland RR1, Caistor Centre	416-957-3601	Hamp., Border Cheviot	59	-
Ross J. Creighton, RR2, Lanark	613-256-3365	Suffolk	9	3
William Crow, RR22, Cambridge	519-822-8559	Suffolk	19	-
Raymond Cruickshank, RR2, Princeton	519-458-4557	Dorset, X-Bred	15	-
Tom & Joan Dales, RR5, Perth	613-267-6006	Suffolk, X-Breds	62	-
Keith Davidson Box 128, Uxbridge	416-852-3029	Dorset, Hampshire	35	-
Bruce M. Davis, RR3, Newmarket	416-478-4046	Suffolk	15	-
Donald Dearing, RR1, Exeter	519-235-0437	Suffolk, Okford Dorset	37	-
Lloyd Deeks, RR2, Lynden	519-647-3772	Dorset, Leicester, X-Bred	93	14
Al DeGasparro, RR1, Minesing	705-728-2352	Shropshire	4	-
Dorrell Family, Box 32, Carlton	705-544-2794	Hamp., Bord. Cheviot	34	-
C.B. Dow, RR3, Metcalfe	613-821-1467	Suff., Oxford Hampshire	58	-
Ian Dow, RR3, Metcalfe	613-821-2385	Suff., Dorset	20	-
Russell Dow, RR4, Bowmanville	416-623-5817	Leic., Oxf., Dor., Southdown, X-Bred Shrop.	80	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST	ED
Driscoll, Bros., RR1, Arthur	519-848-5274	Dors., Oxford Suffolk	120	-	
Kelly Driscoll, RR2, Moorefield	519-638-3251	Oxford	8	-	
Paul Driscoll, & Sons, RR2, Alma	519-638-3443	Hampshire	17	-	
Stan Driscoll, RR2, Moorefield	519-638-3251	Leicester	26	-	
Wm. Duffield, Codan Farm RR2, Wyoming	519-899-2663	Suffolk	62	5	
Peter Duivesteyn, RR1, Brooklin	416-655-4788	Suffolk	8	-	
James Dunlop, RR4, Mt. Forest	519-323-2145	Dorset	35	2	
L. Earley, RR3, Kerwood	519-247-3489	Suffolk	32	4	
Stephen Early, RR2, Brampton	416-451-4320	Lincoln	18	-	
Aubrey Ella, RR2, Woodbridge	416-832-2654	N.C. Cheviot,	15	-	
Robert Egli, Minnitaki	807-755-5231	X-Breds	791	-	
Emke Bros., RR2, Elmwood	519-363-6602	Oxf., South., Corr., Leic.	65	-	
Don Emke, RR1, Elmwood	519-364-2149	Hamp., Dorset, Suffolk	216	3	
Murray Emke, RR1, Elmwood	519-364- 5087	Suffolk	42	5	
Richard & Julie Everett RR 3 Woodville	705-374-4447	X-Bred	197	-	
Joseph Fatica, RR3, Russell	445-2138	Suff., X-Bred	9	-	
Ivan Facey, RR4, St. Mary's	519-349-2475	Suffolk	22	-	
W.A. Farthing, Box 1167, Uxbridge	416-852-3832	Dorset	10	-	
John Fennell, RR2, Bradford	416-775-2428	Leicester, Suff., Dorset	44	-	
Ian Forrest, RR1, Brunner	519-595-4031	Suffolk	65	4	
Robert French, RR2, Mitchell	519-348-8218	Suffolk	50	-	
Thomas Friend, Box 91, Omemee	705-799-6679	Suffolk	44	6	
Bryon Fritz, RR3, Palmerston	519-343-3645	X-Breds	16	-	
Doug Gardhouse, RR5, Milton	416-878-9742	Suffolk	49	9	
Robt. Galbraith, RR2, Ridgeway	416-894-1666	Suffolk	38	-	

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Wm. Gardhouse, RR3, Newmarket	416-478-4155	Suffolk	70	12
B. Gassner, & B. Walker RR2, Acton	519-877-3812	X-Bred	47	-
W.E. Gates, RR3, Glencoe	519-287-5540	Southdown, Suff.	72	-
Glen Glaspell, RR 5 Oshawa	416-728-6908	Suff., Lincoln	90	4
Wesley, Glaspell, RR 5, Oshawa	416-433-5543	Suffolk	6	-
James S. Graham, Box. 17, Dunvegan	613-525-2102	Suff., X-Bred	53	-
Joy M. Glover, RR1, Lyn	613-342-1042	Suffolk	13	-
Don Grant, RR6, Woodville	705-426-7576	Suff., Leicester, Dorset,	89	4
Ian S. Grant, Box 269, N. Gower	613-733-0610	Suff., Oxford N.C. Cheviot	12	-
Tasker Grant, Box 318, Stayner	705-428-2738	Suffolk	21	-
Shirley, Graves, RR 1, Stillsville	613-825-2217	Dors., Leicester, Suffolk	40	4
Royal S. Hall, Box 25, Newtonville	416-786-2548	Leicester, Corriedale	10	-
Richard Hamilton, RR4, Lindsay	705-324-0719	X-Breds	107	-
Robert Hanbridge, RR2, Napanee	613-354-6027	Suffolk	169	-
Jim Hanrahan, RR1, Chesterville	613-448-3241	X-Bred, Dorset	52	-
Tom Harris, RR1, Fisherville	416-779-3955	Suffolk, X-Bred	787	-
W.B. Harris, RR2, King	416-859-0319	Dorset	105	24
Peter Hay, RR1, Thorndale	519-461-1559	Suffolk	19	2
David Heaslip, RR2, Erin	519-833-9910	Dors., X-Bred Suffolk	189	20
Russell, Hicks, RR1, St. Ann's	416-562-4962	Suffolk	22	4
Judy Hogg, RR1, Perth	613-267-6919	Leicester, N.C. Cheviot	10	-
John Holland, RR2, Kincardine	519-396-7851	P. Dorset, Southdown, Horned Dorset	241	19
E.L. Hollands, RR3, Napanee	613-354-4436	Suffolk	47	-
Hopewell Suffolks, RR4, Elmira (Rolland Shantz & Ken Martin)	519-669-5741 519-669-3769	Suffolk	105	15

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Robt. Howland, RR1 , Dunrobin	613-832-1804	Suffolk	11	3
Raymond Howling, RR1, New Dundee	519-696-2692	Suffolk, X-Breds	12	-
Jack Huitema, RR1, Cayuga	416-774-8291	Finnish Landrace	45	-
Donald Hunter, RR4, Smith's Falls	613-283-4161	Dorset	8	-
Gerald Hunter, RR4, Smith's Falls	613-283- 7565	Suff., Leicester	59	-
Max Hunter, RR1, Port Dover	519-426-1246	Suff., Leicester	18	-
Donald E. Jackson, Box 223, Harriston	519-338-3623	Corriedale	6	-
Edward J. Jackson, Box 223, Harriston	519-338-3623	Shropshire	9	-
Jane Jackson, RR4, Caledon East	416-843-1971	Border Cheviot	10	-
Ronald D. Jackson, RR1, Enniskillen	416-263-8293	Suffolk	11	-
Wayne Jackson, RR1, Ridgetown	519-674-2415	Suffolk	38	4
Jameshaven Farm, RR3, Russell	613-445-5252	Hamp., Dorset	187	27
Dr. John Johnston, RR3, Brockville	613-342-8952	Suffolk	41	5
Bryan Jones, RR3, Harrowsmith	613-376-6231	Columbia	22	-
Leslie Jones, RR2, Demorestville	613-476-2577	Corriedale, X-Bred	77	-
Ronald Jones, 4184 Walkers Line Burlington.	416-335-7130	Dorset	67	2
Marion Jost, RR1, Arthur	519-848-3248	Suffolk	24	4
Blaine Kennedy, RR4, Omemee	705-799-5357	Suffolk	27	-
Robt. Kidd, RR2, Renfrew	613-432-7194	X-Bred	277	-
Kilannan Farm, RR2, Annan	519-376-5082	Suff., Dorset	120	12
Carol King, RR3, Peterborough	705-743-6763	Leicester	26	-
Oliver Kingdon, RR2, Omemee	705-799-5187	Suffolk	135	9
Kathleen Kingsley-Bondy, Box 999, Picton	613-476-3633	X-Bred	20	-
Terry Kirby, RR3, Orton	519-855-4713	Suffolk	105	1
Amos Kitchen, Box 125, Lynden	519-647-3466	Border Cheviot, Oxford, Leicester	30	-
Alvin & Sheila Koop, RR1, Belwood	519-843-4031	X-Bred	38	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Peter D. Kudelka, RR2, Gadshill	519-393-6829	Suffolk	25	-
Charles & Shirley Kuehner, RR1, Meaford	519-538-3380	Suff., X-Bred	96	-
George Kyle, RR3, Ayr	519-632-7602	Dorset	22	-
J.W. Lambe, RR2, Embro	519-475-4887	Dorset	69	-
Keith Lamont, RR2, Acton	519-853-1975	Suff., Dorset X-Breds	260	4
Robt. & Mia Lane, RR4, Milton	416-878-7860	Suffolk	22	-
H.M. Lee, RR2, Highgate	519-678-3782	Lincoln	53	-
Ruth Lee, RR1, Troy	519-647-3709	Border Cheviot	3	-
John Leask, RR2, Seagrove	416-985-7818	Suffolk	67	-
Keith Leslie, RR4, Georgetown	416-877-5015	Suffolk	2	-
Lobban & Shore, RR3, Owen Sound	519-376-5941	Dorset	35	4
Tony Locke, RR1, Athens	613-928-2246	X-Bred, Suffolk, Southdown, Corriedale	476	15
J.K. Lousley, RR2, Oxford Sta.	613-258-3768	Suffolk, X-Bred	55	-
Fred C. Lowden, RR1, Smithville	416-957-2070	Hampshire	11	-
Lyngor Farms (G.T. Bustard) RR4, Georgetown	416-846-1171	Suffolk, Dorset	20	-
R. & M. Macartney, RR7, Guelph B. & S. Macartney	519-822-4234	Suff., Dorset	62	5
Gary MacDuff, RR3, Walkerton	519-881-0011	Dorset	2	2
David Mackay, RR1, Moffat	519-822-2282 416-924-0458	Suffolk	35	5
D.L. McTaggart, RR4, Appin	519-289-5772	Oxford	27	-
Fergus & Pearl MacTaggart RR3, Schomberg	416-859-4651	Suffolk	5	-
Wm. MacTaggart, 11 Central St., Guelph	316-822-8830	Suffolk	199	17
Maplewood Farm (L. Marritt) RR1, Wingham	519-335-3861	Suff., Dorset	73	-
Louise Maree, RR1, Bognor	519-794-3250	Dorset, X-Bred	82	-
Wray Marshall RR1, Caistor Centre	416-692-4207	Southdown, Dorset, X-Bred	26	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBER TESTED HT	ST
Robt. & Nancy Matthew RR2, Russell	613-445-5764	Dorset, X-Bred	9	5
Hubert & Pat McCulloch RR5, Kincardine	519-396- 8558	Dorset, X-Bred Suffolk	86	13
Thomas J. McCulloch RR2, Hensall	519-236-4525	Suffolk	138	-
John McDonald, RR1, Arva	519-666-1340	Suffolk	40	-
Peter R. McDonald RR1, Inglewood	416-838-2529	Suffolk	62	-
Peter McDonald, RR1, Kars	613-489-2469	Columbia, Suffolk	15	-
R. McDonnell, (Madonna House) Combermere	613-756-5116	X-Bred	57	-
Bert McDougall, RR2, Meaford	519-588-2475	Suffolk, Columbia	216	4
Ross McElroy, RR2, Tavistock	519-462-2781	X-Bred	82	-
Alex McKinney, RR2, Brampton	416-846-1288	Dorset	111	-
George McLaughlin (Mac-Mar Farms) RR3, Beaverton	705-426-7027 705-426-5116	Corriedale, X-Bred	438	-
Jim McLeod, 40 First St., Elmira	519-669-2807	Suffolk	22	1
Wm. A. McMaster, RR3, Lindsay	705-793-2948	Suffolk	5	-
John P. McNally, RR1, Waterdown	416-689- 6936	Suffolk, X-Bred	20	-
Tony McQuail, RR1, Lucknow	519-528-6542	Suffolk	72	4
Duncan McTavish, RR3, Uxbridge	416-852-7417	Dorset	12	-
George Miles, RR1, Minesing	705-728-7163	Southdown, Shropshire	24	-
Wm. & Cathy Miller, Box 123 Harrowsmith	613-372-2327	Dorset	20	-
Joan Misener, RR1, Meaford	519-538-3449	Dorset	203	8
Dorothy Moffatt, P.O. Box 11 Kleinburg	416-859-4643 416-669-1010	Border Cheviot, Southdown, Dorset	31	-
Robt. Mouck, RR3, Napanee	613-354-5034	Horned Dorset	16	0
Michael Mueller, RR4, Appin	519-289-5544	Suffolk	11	-
Robert Myers, Box 45, Capetown	416-627-0420	Suffolk	17	-
New Liskeard College of Agricultural Technology Box G, New Liskeard	705-647-6701	X-Bred	302	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Claudia Normington, RR3, Chatsworth	519-794-3645	Dorset	144	4
Terence O'Connor, RR2, Russell	613-445-3352	Hampshire, X-Bred	48	-
J. Murray Older, RR4, Thamesford	519-283-6631	Suffolk	66	-
Keith Ormsbee, RR1, Battersea	613-353-2241	Suffolk	27	-
Jack & Judy Orsi, RR2, Tottenham	416-936-4873	Columbia	10	4
M. & S. O'Shaughnessy, RR1, Enterprise	613-547-2292	Columbia	2	-
Lindsay Paine, RR2, Kerwood	519-247-3496	Leicester	7	-
Tom Paine, RR2, Kerwood	519-247-3496	Dorset, Lincoln	12	-
Vicki Paine, RR2, Kerwood	519-247-3496	Oxford	6	-
Wilda Parkinson, RR1, Kanata	613-353-2103	Suffolk	60	-
Wendell K. Palmer, 6749 Holmstead Cres., Niagara Falls	416-356-2401	X-Bred	10	-
Sherman Parr, RR1, Sombra	519-892-3744	Suff., Pambouillet	63	4
Louis W. Patenaude, RR2, Embrun	613-443-5721	Suffolk	48	-
Carol Patterson, RR1, Troy		Bord. Cheviot	4	-
Al & Carol Payne RR1, Jerseyville	416-648-3679	Hamp., Dorset X-Bred	129	3
Brian Peachey, RR1, N. Lancaster	613-347-2722	Suff., Dorset, X-Bred	58	-
Nancy Pease, RR6, Shelburne	519-925-6412	X-Bred	67	-
Jim Perry & Sons, RR4, Appin	519-289-5960	Suffolk	73	-
Randy Preater, RR1, New Liskeard	705-563-2853	X-Breds	202	-
Grant Preston, RR1, Proton Sta.	519-923-6341	X-Breds	640	-
James Prudom, RR2, Wyoming	519-899-4739	X-Bred, Rambouillet	81	5
Florence Pullen Box 715, Clinton	519-482-7896	Suffolk	164	-
Wm. Raeburn, RR1, Stroud	705-436-2389	X-Breds	49	-
Brian & Angela Ramsden RR1, Harrowsmith	613-372-2325	Columbia, X-Bred	10	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Garry Reid, Box 18, Madoc	613-473-4486	Suffolk, X-Bred	35	-
Robert Reid, Kenabeek	705-563-2429	X-Bred	190	-
Murray & John Reeves RR4, Iona Station	519-764-2555	X-Bred	2	-
Walter Renwick, RR1, Clifford	519-367-2504	Dorset	657	-
Mel Reid, RR6, Guelph	519-822-0067	Suffolk	73	4
Gary Reynolds, Bond Head	416-775-3609	Dorset, Southdown	14	-
Len Riebot, RR2, Dunville	416-774-7072	Suffolk	6	-
Ray & Jean Rivers, RR2, Russell	613-445-5516	Suffolk	63	12
Donald Robertson, RR1, Phelpston	705-322-1448	Suffolk	38	-
Howard Romanko, RR3, North Gower	613-489-2132	Hamp., X-Bred	20	1
Paul K. Ross, RR1, Brunner	519-595-4796	X-Bred	49	-
Rex Rose, RR3, Keene	705-295-6357	Suffolk	27	-
David Rothnie, Greenwood	416-683-8659	Suffolk	4	2
Harvey Rowsome, RR4, North Augusta	613-926-5756	Suffolk, Corriedale	21	-
Ronald Sass, RR2, Barrie	705-726-8224	Suffolk	4	-
Michael Schach, RR1, Martintown	613-528-4282	Dorset	9	4
Gord Schweitzer, RR2, West Montrose	519-669-5205	Suffolk	129	16
Alan & Margaret Scott, RR3, Stratford	519-393-6918	Suffolk, X-Bred	118	-
Wm. Scott, RR2, Drumbo	519-442-4094	Suffolk	42	4
Sequin R & R, Oxford Mills	613-258-5357	Suffolk	28	-
Lars Selen, RR2, Marlbank	613-478-5616	Suffolk	106	11
Robin Shearer, Box 1124, Lambeth	519-652-2627	Suffolk	89	16
Russell Simpson, RR1, Glencoe	519-287-3622	Oxford	11	-
Lloyd Skinner, RR5, Bowmanville	416-263-8167	Nth. Cty. Chev.	26	-
Elgin Slack, RR4, Hagersville	416-768-5808	Suffolk	34	-
Frank & Marjorie Smith RR4, Woodville	705-374-4719	Suffolk	73	6

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Neil Smith, RR1, St. Catharines	416-688-5095	Dorset	5	-
Stephanie Smith, RR1, Moffat	416- 854-2706	Suffolk	28	-
James Snell, RR1, Clinton	519-482-3279	Leicester	22	-
Snell & Shore, RR1, Clinton	519-482-9848	Suffolk	1	-
Ralph Southward, RR1, Moffat	519-822-0736	Suffolk	43	5
Richard Sorenson, RR2, Osgoode	613-821-1359	X-Bred	22	-
Henry Stanley, RR2, Rockwood	416-854-2534	Suffolk	54	11
Donald Stevenson, RR1, Egbert	705-458-9780	Dorset	93	-
Alice Stewart, Box 52, Goodwood	416-852-7165	X-Bred	62	-
Ann Stewart, RR1, Guelph	519-856-9185	Southdown	10	-
Bruce M. Stewart, RR2, Carleton Place	613-257-5823	Finnish Landrace	25	-
Don Stewart, RR2, Addison	613-345-1324	Hamp., Suffolk	20	-
Strathearl Farm, RR4, Rockwood	519-856-4490	Suffolk, Oxford	150	-
A.K. Stuart, RR1, Clarksburg	519-599-6434	Suffolk, X-Bred	398	-
W.D. Syer, RR1, Cavan	705-944-5605	Suffolk, X-Bred	22	-
Linda Teasdale, RR1, Warsaw	705-652-7925	Dorset, X-Bred	16	-
Roy Thompson, RR4, Georgetown	416-877-6586	Suffolk	13	-
Glen Thomson, RR1, Forest	519-296-5533	Dorset, X-Bred	131	-
Wayne & Hugh Todd RR2, Lucknow	519-528-6695 519-528-6692	Hamp., Southdown	121	-
Shirley Torrie, RR5, Chatsworth	519-794-2674	Suffolk	34	3
Charles Tummonds, RR1, Arva	519-666-1487	Suffolk	49	-
Dana Vader, RR1, Cherry Valley	613-476-4781	X-Breds	125	-
Neil Vader, RR1, Picton	613-476-5242	X-Breds	95	-
Keith VanCamp, Blackstock	416-986-4927	Suffolk	8	-
John VanSchyndel RR2, North Gower	613-489-3203	Suffolk	29	6
Derk & Wenda Veldman RR1, Seeley''s Bay	613-382- 7661	Suffolk, X-Bred	12	-

BREEDER	TELEPHONE	BREEDS TESTED	NUMBERS TESTED HT	ST
Herman & Lisa Voelmle RR1, Auburn	519-526-7292	Suffolk	248	7
Horst & Kate Volkmann RR1, Bolton	416-594-4865	Suffolk, X-Bred	25	2
Phil Watson, RR3, Mountain	613-989-2071	Suffolk	53	4
Thomas Welsh, RR4, Petrolia	519-882-0635	Leicester	23	-
Alan D. Whetter, RR1, Finch	613-984-2527	Suffolk	7	2
Fritz & Rosemarie Widmaier RR1, Millgrove	416-659-3988	Dorset, Finn, X-Bred	155	8
James Wilkins, RR4, Woodstock	519-424-9423	Suffolk	24	2
Will Farms, RR1, Lynden	519-647-2648	Suffolk	69	1
Frances Winger, RR1, Stevensville	416-382-2688	Dorset, X-Bred	98	10
Paul Witmer, RR3, Cambridge	519-623-0879	Suffolk	2	2
Robt. Wolfe, RR1, New Liskeard	705-647-5986	N.C. Chev., Suff., X-Bred	64	-
Arlene Wood-Hall, RR1, Granton	519-229-6775	Suffolk	36	-
George Woods, RR3, Fergus	519-843-2438	Dorset, Hampshire	86	-
Joe Woods, RR3, Fergus	519-843-2359	Corr., Hamp., Dorset	47	-
Robt. Worden, RR2, Bowmanville	416-725-9177	Suffolk	19	-
Douglas Wright, Box 118, Elmvale	705-322-1060	Suffolk	8	-
Yeoman Farm, RR1, Parham	613-375-6308	Columbia	45	3